

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122324\
 Data File : FG015015.D
 Signal(s) : FID1A.ch
 Acq On : 23 Dec 2024 11:02
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 24 00:26:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG121924.M
 Quant Title :
 QLast Update : Thu Dec 19 16:42:40 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.058	6168067	46.150 ug/mlm
Target Compounds			
1) N-OCTANE	2.014	5782919	47.075 ug/ml
2) N-DECANE	4.552	5994973	47.291 ug/ml
3) N-DODECANE	6.735	6392456	47.673 ug/ml
4) N-TETRADECANE	8.572	6443794	48.009 ug/ml
5) N-HEXADECANE	10.188	6718268	47.939 ug/ml
6) N-OCTADECANE	11.638	7021634	47.552 ug/ml
7) N-EICOSANE	12.953	6908728	47.029 ug/ml
8) N-DOCOSANE	14.157	6825399	46.403 ug/ml
10) N-TETRACOSANE	15.264	6786928	45.858 ug/ml
11) N-HEXACOSANE	16.288	6685365	45.534 ug/ml
12) N-OCTACOSANE	17.241	6580705	44.938 ug/ml
13) N-TRIACONTANE	18.132	6516073	44.191 ug/ml
14) N-DOTRIACONTANE	18.966	6236967	43.220 ug/ml
15) N-TETRATRIACONTANE	19.750	5329448	41.028 ug/ml
16) N-HEXATRIACONTANE	20.492	4209112	37.693 ug/ml
17) N-OCTATRIACONTANE	21.242	3529727	34.511 ug/ml
18) N-TETRACONTANE	22.185	3121038	32.557 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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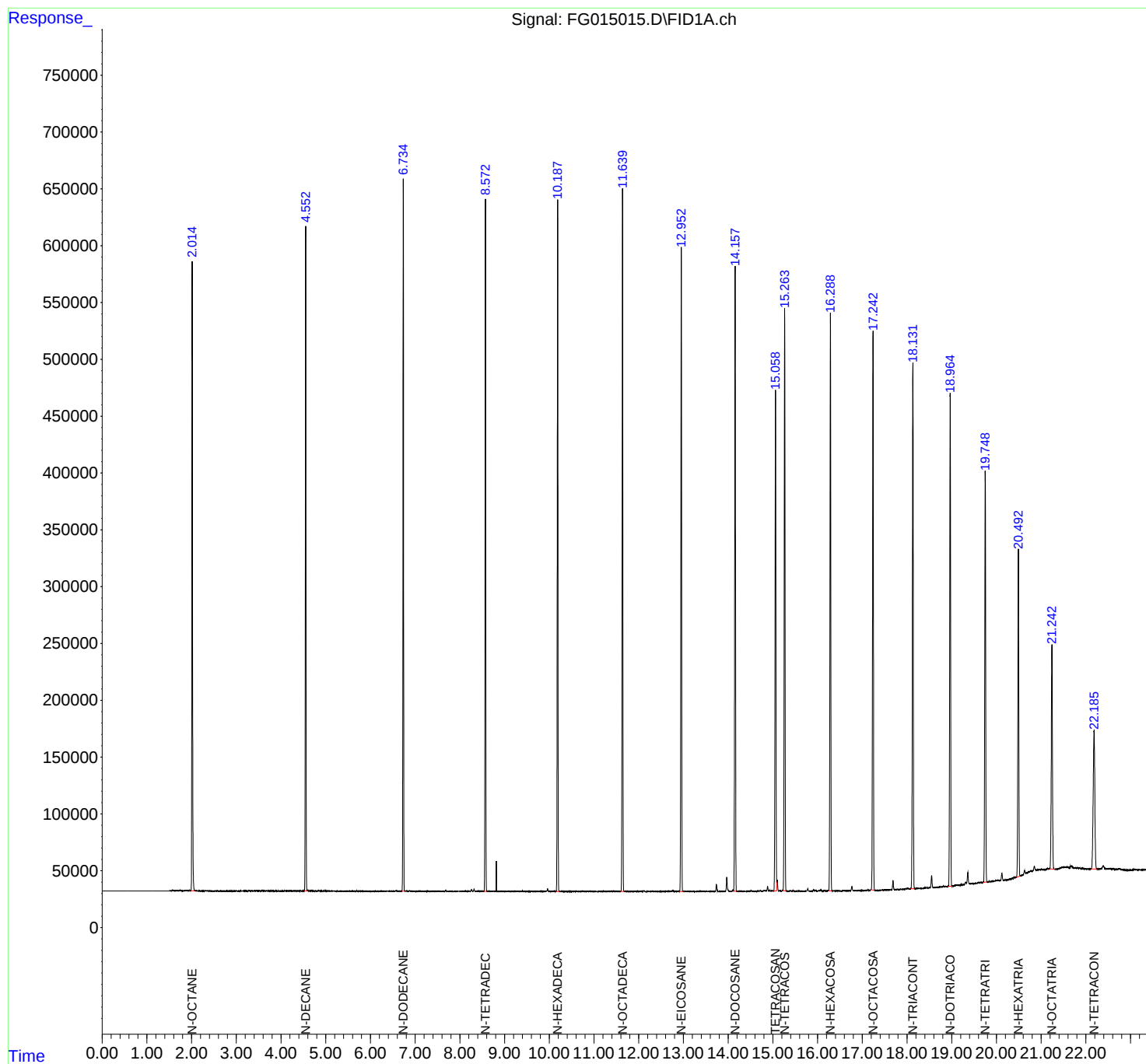
Instrument :
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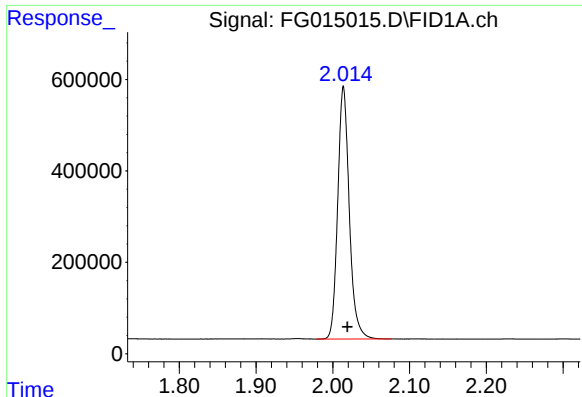
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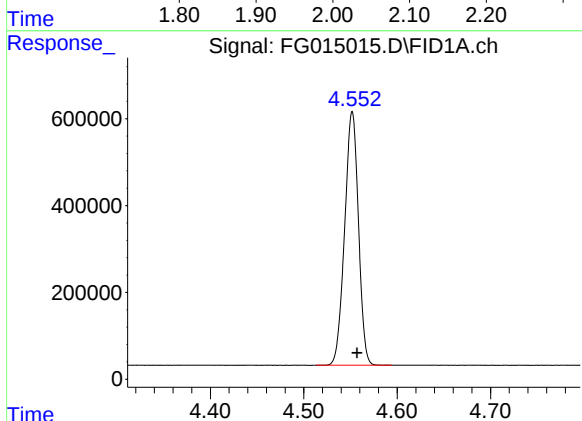
#1 N-OCTANE

R.T.: 2.014 min
Delta R.T.: -0.005 min
Response: 5782919
Conc: 47.08 ug/ml

Instrument :
FID_G
ClientSampleId :
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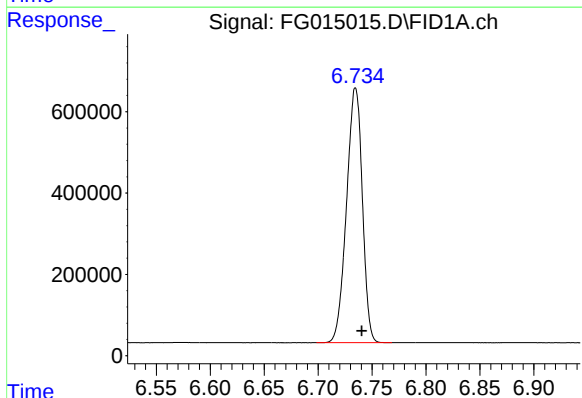
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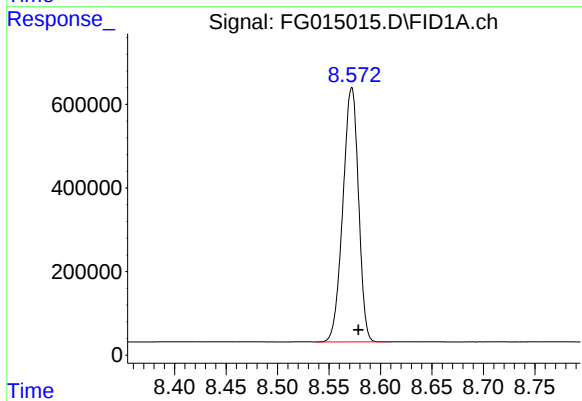
#2 N-DECANE

R.T.: 4.552 min
Delta R.T.: -0.005 min
Response: 5994973
Conc: 47.29 ug/ml



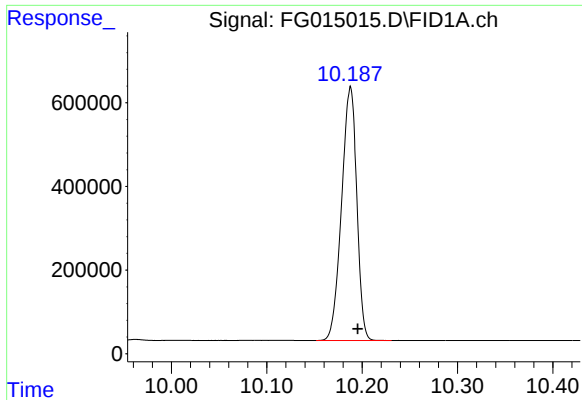
#3 N-DODECANE

R.T.: 6.735 min
Delta R.T.: -0.006 min
Response: 6392456
Conc: 47.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.572 min
Delta R.T.: -0.006 min
Response: 6443794
Conc: 48.01 ug/ml



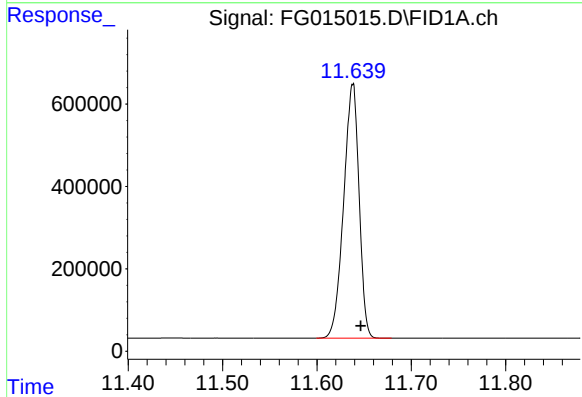
#5 N-HEXADECANE

R.T.: 10.188 min
Delta R.T.: -0.008 min
Response: 6718268
Conc: 47.94 ug/ml

Instrument :
FID_G
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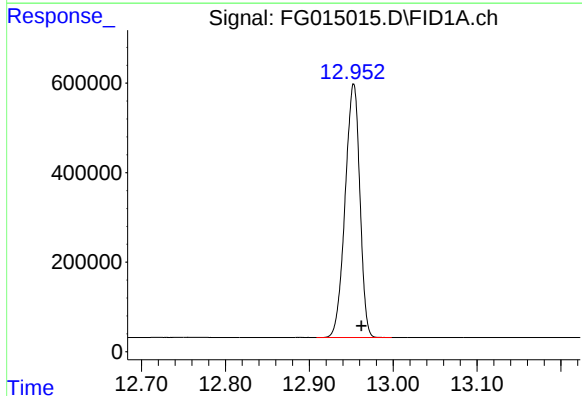
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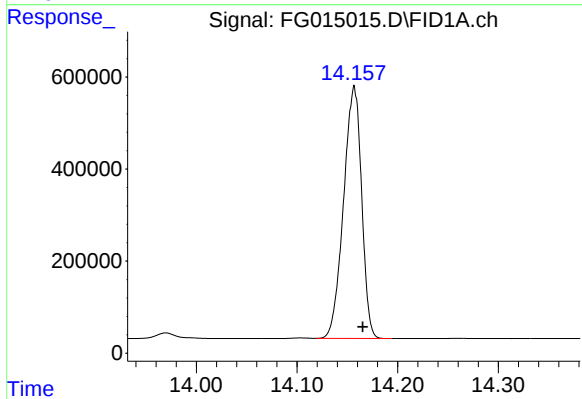
#6 N-OCTADECANE

R.T.: 11.638 min
Delta R.T.: -0.008 min
Response: 7021634
Conc: 47.55 ug/ml



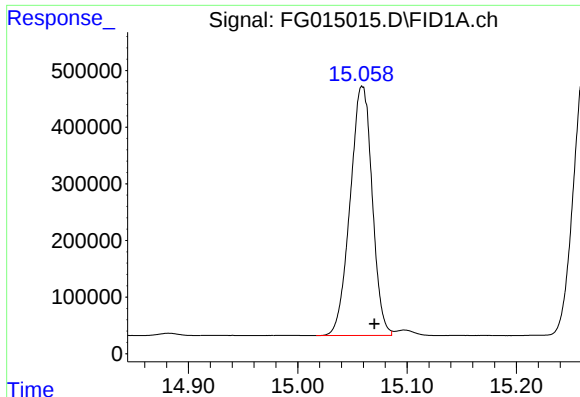
#7 N-EICOSANE

R.T.: 12.953 min
Delta R.T.: -0.009 min
Response: 6908728
Conc: 47.03 ug/ml



#8 N-DOCOSANE

R.T.: 14.157 min
Delta R.T.: -0.008 min
Response: 6825399
Conc: 46.40 ug/ml



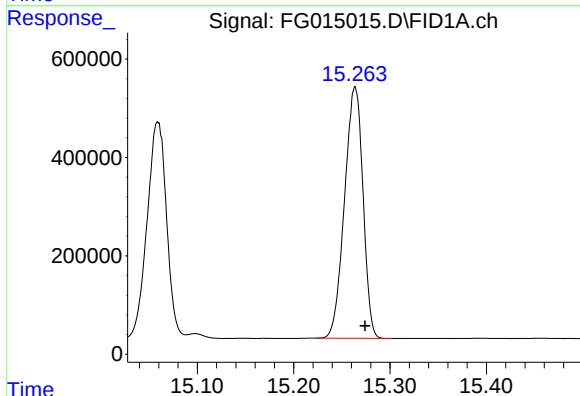
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.058 min
Delta R.T.: -0.012 min
Response: 6168067
Conc: 46.15 ug/ml

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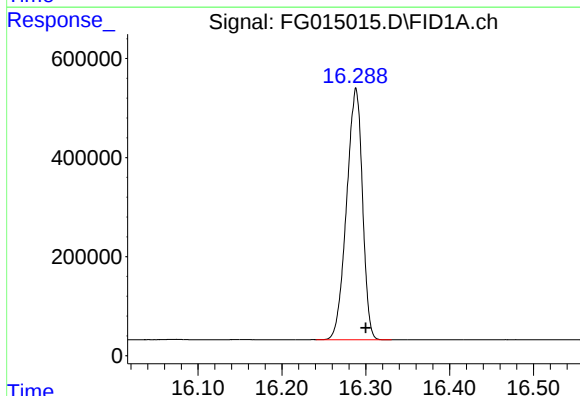
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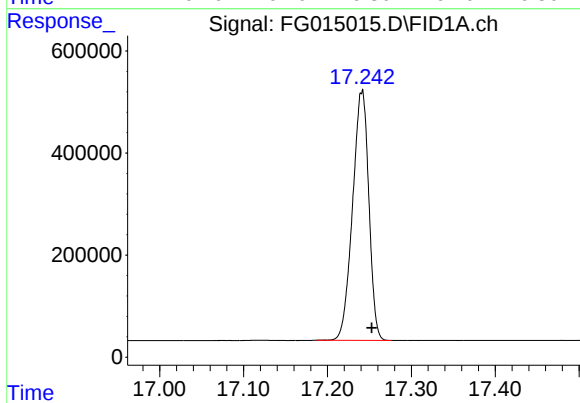
#10 N-TETRACOSANE

R.T.: 15.264 min
Delta R.T.: -0.010 min
Response: 6786928
Conc: 45.86 ug/ml



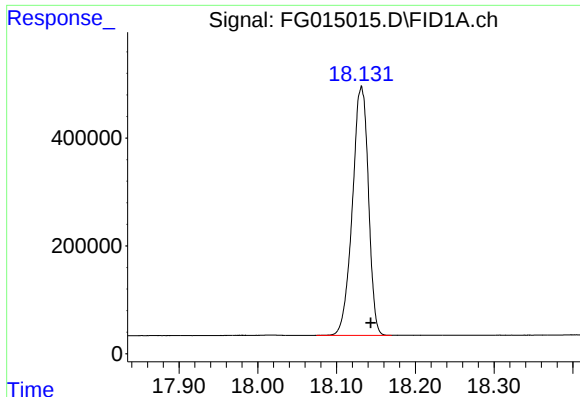
#11 N-HEXACOSANE

R.T.: 16.288 min
Delta R.T.: -0.012 min
Response: 6685365
Conc: 45.53 ug/ml



#12 N-OCTACOSANE

R.T.: 17.241 min
Delta R.T.: -0.012 min
Response: 6580705
Conc: 44.94 ug/ml



#13 N-TRIACONTANE

R.T.: 18.132 min
Delta R.T.: -0.012 min
Response: 6516073
Conc: 44.19 ug/ml

Instrument :

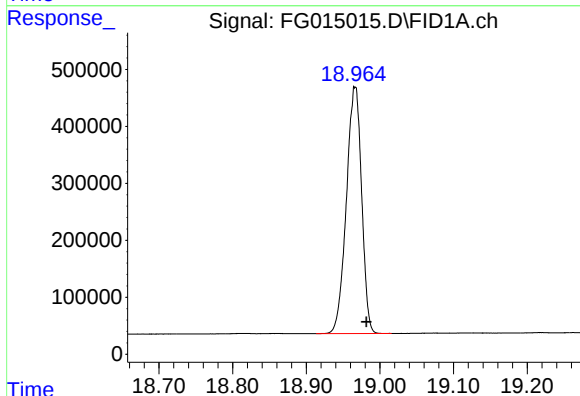
FID_G

ClientSampleId :

50 PPM TRPH STD

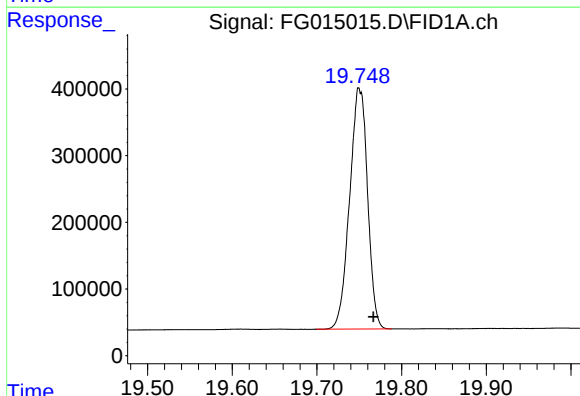
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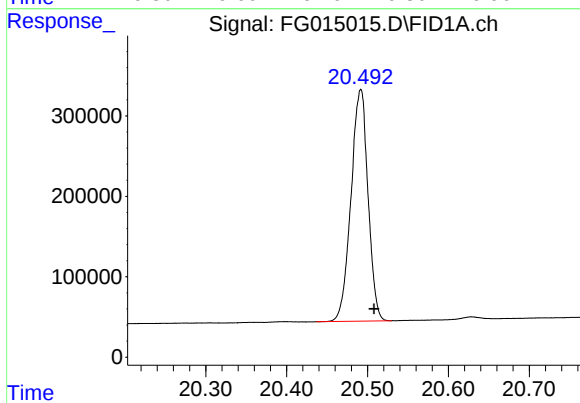
#14 N-DOTRIACONTANE

R.T.: 18.966 min
Delta R.T.: -0.015 min
Response: 6236967
Conc: 43.22 ug/ml



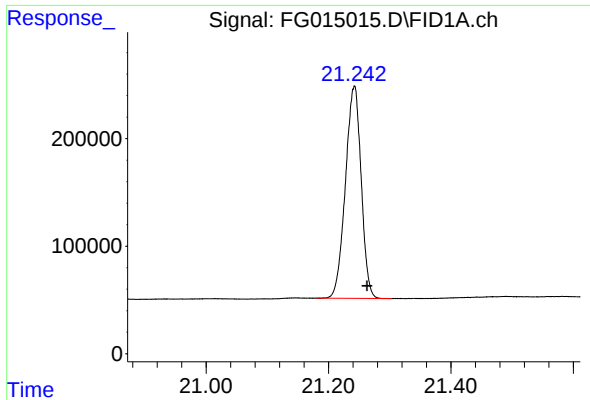
#15 N-TETRATRIACONTANE

R.T.: 19.750 min
Delta R.T.: -0.017 min
Response: 5329448
Conc: 41.03 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.492 min
Delta R.T.: -0.016 min
Response: 4209112
Conc: 37.69 ug/ml



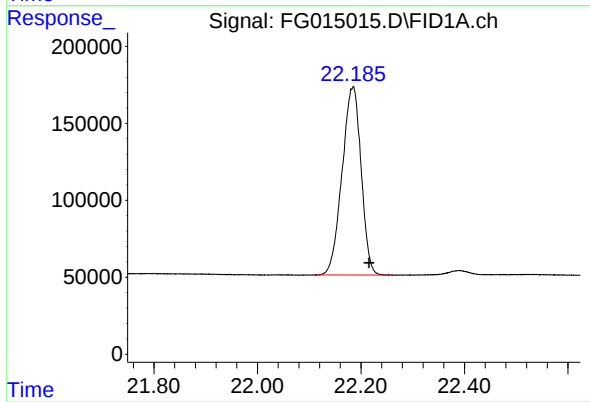
#17 N-OCTATRIACONTANE

R.T.: 21.242 min
Delta R.T.: -0.021 min
Response: 3529727
Conc: 34.51 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.185 min
Delta R.T.: -0.031 min
Response: 3121038
Conc: 32.56 ug/ml